बेहतर बनाना, कृषि का विविधिकरण, आठवीं योजना में कृषि विकास की नीति में प्रमुख हैं। कृषि विकास के लिए दिए गए बल को देखते हुए कृषि तथा ग्रामीण क्षेत्रों के लिए अधिक निवेश की व्यवस्था करना आवश्यक है, जो संसाधन की उपलब्धता तथा इसके आवंटन पर निर्भर होगा।

Interaction between farmers and scientists

4060. SHRI BHUBANESWAR KALITA: Will the Minister of AGRICULTURE be pleased to state:

(a) whether it is a fact that Government propose to evolve a scheme for ensuring greater interaction between the farmers and the scientists in a way as to ensure the backflow of research to the villages; and

(b) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI K. C. LENKA): (a) and (b) Sir, The Indian Council of Agricultural Research, through its first-line transfer of technology projects, has been promoting interaction between the farmer and scintists with a view to take scientific know-how to the villages. These projects include National Demonstrations in 48 Districts, Operational Research Projects in 152 Centres, Krishi Vigyan Kendras in 107 Districts, Lab to Land programme through 101 existing institutionsRcentres and Scheduled Castes/Scheduled Tribes projects at 45 Centres.

Milk and milk products control order

4061. SHRI SURESH KALMADI:
SHRI BHUBANESWAR KALITA:

Will the Minister of AGRICULTURE be pleased to state:

(a) whether Government propose to advance the date of imposition of the milk and milk products control order in Delhi; and

(b) if so, the exact date from which the order is proposed to be made effective and the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI K. C. LENKA): (a) There is no proposal at present under consideration of the Government for promulgation of milk and milk prducts control order in Delhi.

(b) Does not arise, in view of reply at (a) above.

Cost of production of foodgrains

4062. SHRI KAMAL MORARKA: Will the Minister of AGRICULTURE be pleased to state:

(a) what was the cost of production of major foodgrains and crops during the last three years;

(b) what was the annual growth rate in the cost of production and procurement of rice; and

(c) the steps taken by Government to minimise the cost of production and increase productivity of these crops?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI MULLAPPALLY RAMACHAIDRAN): (a) The cost of production of major foodgrains and cash crops during the latest available years is given in Statement I. (*See* below).

(b) The growth rate (percentage increase) in cost of production for latest available years is given in Statement-II (*See* below). The growth rate in procurement of rice is given in Statement-III. (*See* below).

(c) The Government is seized with the problem of rising cost of production and all possible measures are being taken to cut the cost as well as improve the productivity of crops through use of appropriate technology and transfer of these technologies to farmers by efficient delivery of inputes and service. It may be stated that a number of component in cost of production such as irrigation

charges, power tariffs, agricultural credit and certain other inputs are subsidised in an effort of the Government to minimise the cost.

Statement-I

Cost of Production of major foodgrains and cash crops during the latest available year .

Commodity/State	Cost of Production (Rs. per quintal)			
	1986-87	1987-88	1988-89	1989-90
FOODGRAINS				
Paddy				
Haryana	143.97	146.01	150.67	..
Punjab	129.23	149.19	159·55	..
Wheat				
Haryana	138.31	139.64	127.99	..
M.P.	166.79	178.11	..	..
Punjab	151.49	139.95	150.01	164.24
Rajasthan	114.03	151.28	..	..
Uttar Pradesh	130.91	167.77	..	..
CASH CROPS				
Groundnut				
Andhra Pradesh	..	600.89	..	..
Gujarat	421.52	..	..	..
Karnataka	387.26	406.78	..	..
Cotton (Kapas)				
Haryana	..	488.46	344.99	..
Karnataka	533.93	533.81	..	..
Punjab	360.38	385.41	548.35	..
Sugarcane				
Andhra Pradesh	17.62	21.04	..	..
Bihar	12.54	13.99	..	..
Maharashtra	17.26	16.33	18.17	18.42
Uttar Pradesh	12.99	15.84	..	..
Rapeseed Mustard				
Haryana	339.96	347.05	236.07	..
Punjab	..	432.99	402.34	..
Rajasthan	265.85	316.69	..	..

Statement-II

Growth rate (Annual percentage increase) In cost of production of major foodgrain and cash crops during the latest available years.

Commodity/State	Percentage increase in 1987-88 over 1986-87	1988-89 over 1987-88	1989-90 over 1988-89
FOODGRAINS			
Paddy			
Haryana	1.4	3.2	..
Punjab	15.4	6.9	..
Wheat			
Haryana	1.0	(—) 8.3	..
M.P.	6.8	..	..
Punjab	(—) 7.6	7.2	9.5
Rajasthan	32.6	..	..
U.P.	28.2	..	..
CASH CROPS			
Groundnut			
Andhra Pradesh	..	..	..
Gujarat	..	..	..
Karnataka	5.0	..	..
Cotton (Kapas)			
Haryana	(—)	(—) 29.4	..
Karantaka	(—) 0.02	..	..
Punjab	6.9	42.3	..
Sugarcane			
Andhra Pradesh	19.4	..	..
Bihar	11.9	..	..
Maharashtra	(—) 5.4	11.3	1.4
Uttar Pradesh	21.9	..	..
Rapeseed & Mustard			
Haryana	0.3	(—) 32.0	..
Punjab	..	(—) 7.1	..
Rajasthan	19.1	..	..

Statement-III

Growth Rate (Annual percentage increase) in pocurement of Rice

Marketing Year	Total Rice (in Lakh Tonnes)	Annual Growth rate (percentage increase over last year)
1987-88	69·02	..
1988-89	77·29	11·98
1989-90 (P)	118·67	53·54
1990-91 (P)	126·71	6·77

P-Provisional.

Modernisation of Agricultural Research and Extension Systems

4063. MISS SAROJ KHAPARDE: Will the Minister of AGRICULTURE be pleased to state:

(a) what steps Government have taken during the last three years, till date to modernise agricultural research and extension systems and what is the outcome thereof; and

(b) what steps Government propose to take to modernise agricultural research and extension system during the Eighth Plan period?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI K. C. LENKA): (a) Sir, The Government have taken steps to modernise the agricultural research and extension system by continuous upgradation of infrastructural facilities and development of human resources. Modern Technology has helped the farming Community in improving quality of produce and increasing agricultural production.

(b) A Standing Policy Planning Committee has been constituted to render advice to Indian Council of Agricultural Research for effective planning of research and upgrading the research facilities.

Dryland Farming

4064. MISS SAROJ KHAPARDE: Will the Minister of AGRICULTURE be pleased to state:

(a) whether Government are taking steps to promote dryland farming; if so, the details thereof;

(b) the names of the States where schemes have been sponsored by the Central Government to promote dryland farming;

(c) whether any such scheme has been introduced in Orissa;

(d) if not, the reasons therefor; and

(e) the steps proposed to be taken to promote dryland farming in the State?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI MULLAPPALLY RAMACHANDRAN): (a) Yes, Sir. Following Schemes/Projects are in operation to promote dryland agriculture:—

(i) Centrally Sponsored Scheme on National Watershed Development Project for Rainfed Areas.

(ii) Himalayan Watershed Management Project. Uttar Pradesh. (World Bank Aided)